

Query Match 100.0%; Score 1073; DB 21; Length 197;
 Best Local Similarity 100.0%; Pred. No. 4.6e-109;
 Matches 197; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MTLPLGLFLTWLHLCALHNDPSLRGPHSHGTPHCYSAEELPLGOAPPHLLARGAKWQ 60
 DB 1 mtlplglfltlwlnhlcclahndpslrghphshgtpchysaeelpigqaphllargakwq 60
 QY 61 ALPALVSSLEAASHRGHERPSATTOCPVLRPEVLEADTHQHSISPMRYRVDTDEDRY 120
 DB 61 alpavlsleaashrgtherpsatlcqvlrpveleadthqhsispmryrvdtdedry 120
 QY 121 POKLAFAECRCIDARTGRETALNSVRLQSLVLRPPCSRDGSGLPFGAFAPFT 180
 DB 121 pklafaeclrcgcidartgretalnsvrlqslvlrrppcsrdsgslptpgafafht 180
 QY 181 EFHVPVGCCTCVLP RSV 197
 DB 181 efhvpvgctcvlp rsv 197

RESULT 5
 ID AAY44460 standard; Protein: 197 AA.

AC AAY44460;
 DT 27-MAR-2000 (first entry)
 XX Human Interleukin 17C, PRO1122 polypeptide.
 XX Interleukin; IL-17C; PRO1122 polypeptide; clone DNA62377-1381-1; UNO561;
 KW cytokine IL-17; cytotoxic T-lymphocyte-associated antigen 8; CTA-8;
 KW hybridisation probe; antagonist; degenerative cartilaginous disorder;
 KW agonist; diagnosis; therapy.

XX Homo sapiens.

XX Key Location/Qualifiers
 FT Peptide 1..18
 FT Protein /label- Signal_peptide
 FT 19..197
 FT /label- Mature_IL-17C-polypeptide
 FT /note- "Used to treat degenerative cartilaginous disorder"

FT Misc-difference 109
 FT /note- "Conserved Trp residue"
 FT Misc-difference 129
 FT /note- "Conserved Cys residue"
 FT Misc-difference 134
 FT /note- "Conserved Cys residue"
 FT Misc-difference 163
 FT /note- "Conserved Cys residue"
 FT Misc-difference 189
 FT /note- "Conserved Cys residue"
 FT Misc-difference 191
 FT /note- "Conserved Cys residue"

XX W09960127-A2.

XX 25-NOV-1999.

XX 14-MAY-1999; 99WO-US10733.

XX 15-MAY-1998; 98US-0085579.

XX 23-DEC-1998; 98US-0113621.

XX (GENE) GENENTECH INC.
 XX Chen J, Filvaroff E, Goddard A, Gurney AL, Li H, Wood WI;

DR WPI: 2000-116314/10.

DR N-PSDE; AA229728.

XX New polypeptides designated PRO1031 and PRO1122 used to treat a
 PT degenerative cartilaginous disorder

XX Claim 23; Fig 3; 141pp: English.

XX The present sequence is the human PRO1122 polypeptide, also referred to
 CC as UNO561, and as Interleukin-17C (IL-17C), encoded by
 CC clone DNA62377-1381-1. This sequence has identity with the
 CC cytokine IL-17 and cytotoxic T-lymphocyte-associated antigen 8 (CTLA-8)
 CC and has leucine zipper pattern. PRO1122 is expressed in pancreas, small
 CC intestine, stomach and testis also. It shares about 26-28% amino acid
 CC identity with IL-17 and IL-17B. The entire coding region of IL-17C can
 CC be used as hybridisation probe. The PRO1122 polypeptide, agonist or
 CC antagonist, is used to diagnose and treat a degenerative cartilaginous
 CC disorder.

XX Sequence 197 AA;

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QY 1 MTLPLGLFLTWLHLCALHNDPSLRGPHSHGTPHCYSAEELPLGOAPPHLLARGAKWQ 60
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 QY 61 ALPALVSSLEAASHRGHERPSATTOCPVLRPEVLEADTHQHSISPMRYRVDTDEDRY 120
 DB 61 alpavlsleaashrgtherpsatlcqvlrpveleadthqhsispmryrvdtdedry 120
 QY 121 POKLAFAECRCIDARTGRETALNSVRLQSLVLRPPCSRDGSGLPFGAFAPFT 180
 DB 121 pklafaeclrcgcidartgretalnsvrlqslvlrrppcsrdsgslptpgafafht 180
 QY 181 EFHVPVGCCTCVLP RSV 197
 DB 181 efhvpvgctcvlp rsv 197

RESULT 6
 ID AAY53892

AY53892 standard; Protein: 197 AA.

AC AAY53892;

DT 13-MAR-2000 (first entry)

XX Amino acid sequence of human Interleukin-21.

XX Human; Interleukin-22; IL-22; IL-21; Immune system disorder;
 KW Immune cell chemotaxis; haematopoietic cell disorder;
 KW haemostatic activity; thrombolytic activity; autoimmune disorder; asthma;
 KW respiratory problem; organ rejection; graft-versus-host disease; GVHD;
 KW inflammation; hyperproliferative disorder; tissue regeneration;
 KW embryonic stem cell differentiation; embryonic stem cell proliferation;
 KW haematopoietic lineage; allergic asthma.

XX Homo sapiens.

XX Key Location/Qualifiers
 FT Peptide 1..18
 FT /note- "signal peptide"

FT Domain 34..40
 FT /note- "conserved domain V"

FT Domain 63..68
 FT /note- "conserved domain VI"

FT Domain 104..109
 FT /note- "conserved domain VII"

FT Domain 113..121

